

9-22-04

2171
41

Docket No. 56788 (71987)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: M. Hsieh
U.S. SERIAL NO.: 10/026,600 EXAMINER: H. Alaubaidi
FILED: December 20, 2001 GROUP: 2171
FOR: METHOD AND SYSTEM FOR DOWNLOADING DATA FROM
AUTO-STORAGE DATABASE

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on this date September 20, 2004 in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EV437818482US addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Michelle P. Chicos
Michelle P. Chicos

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

SEP 24 2004

Sir:

Technology Center 2100

RESPONSE TO OFFICE ACTION

Applicant is in receipt of the Office Action dated May 19, 2004 of the above-identified application. A request for a one-month extension of time is submitted herewith. Applicant responds to the Office Action as follows.

Applicant's claimed invention is directed to a method and system for downloading data to terminal devices from an auto-storage database via a server. According to the claimed invention, the IP addresses of data-requesting terminal devices are uploaded and stored in an IP address temporary storage area of the server. The server then retrieves data at a preset time, and transmits the retrieved data to the terminal devices.

Applicants' claimed invention can provide significant benefits. The retrieved data is transmitted through user datagram protocol (UDP), which simplifies communications between the terminal devices and the server, and significantly reduces network bandwidth usage. Moreover, since data is accessed at a preset timing, the frequency of data retrieval can be easily adjusted.

Claims 1-5 and 7-10 were rejected under 35 USC 102(e) as being anticipated by U.S. Patent Application Publication 2002/0110123 to Shitama. Claims 6 and 11 were rejected under 35 USC 103(a) as being unpatentable over Shitama. These rejections are respectfully traversed. (Pages 2 and 4 of the Office Action indicate an incorrect publication number for Shitama).

Shitama does not teach or suggest the "starting timing" step or the timing module recited in claims 1 and 7, respectively. In other words, there is no teaching or suggestion of retrieving data from the database "if counted time reaches a preset time value" (claim 1, step (4); claim 7, lines 11-12). In the Applicant's invention, the purpose of the timing module is to allow the server to retrieve data periodically.

In contrast, Shitama discloses a network connection control apparatus for granting access when an authenticated device on a global network demands access to a local network (see paragraph 0002). In Shitama, there is a step of comparing the time elapsed between the last access and the current access with a threshold value T_S ; if the elapsed time T_D exceeds the threshold value T_S , a relevant access permission entry is eliminated from the access permission list (see paragraph 0072). However, Shitama does not teach or suggest that the server retrieves data "if counted time reaches a preset value," as recited in claims 1 and 7.

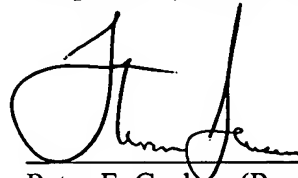
In fact, Shitama does not address the problem of server overload which occurs when clients attempt to access the server at the same time, whereas the Applicant's claimed invention requires that data retrieval occurs only upon reaching a preset time value.

M. Hsieh
U.S. Serial No. 10/026,600
Page 3 of 3

For at least the reasons discussed above, Shitama does not anticipate or otherwise render obvious the Applicant's claimed invention. Therefore, claims 1 and 7 and their respective dependent claims 2-6 and 8-11 are patentable over Shitama.

It is believed the application is in condition for immediate allowance, which action is earnestly solicited.

Respectfully submitted,

A handwritten signature in black ink, appearing to be "Peter F. Corless", written over a horizontal line.

Peter F. Corless (Reg. No. 33,860)
Steven M. Jensen (Reg. No. 42,693)
EDWARDS & ANGELL, LLP
P.O. Box 55874
Boston, MA 02205

Date: September 20, 2004

Phone: (617) 439-4444

Customer No. 21874